

CLAIMS

1. An image processing apparatus for trimming
out a part of image data stored in a memory and
transferring the trimming image data, the image
5 processing apparatus comprising:

image data reading means for reading image
data from a memory; and

controlling means for controlling the image
data reading means that reads the image data from the
10 memory,

wherein when a part of image data stored in
the memory is trimmed, the controlling means is
configured to control the image data reading means so
as to read the image data for each column at a time
15 from the memory.

2. The image processing apparatus as set forth
in claim 1,

wherein the controlling means is configured
to supply address information that represents an
20 address from which image data are read for one column
and read width information that represents the
horizontal size of one column and cause the data
reading means to start reading the image data from the
memory so as to control the image data reading means.

3. The image processing apparatus as set forth
in claim 1, further comprising:

a plurality of image data reading means

connected to different buses,

wherein the controlling means is configured to control each of the plurality of image data reading means.

5 4. The image processing apparatus as set forth in claim 3,

wherein the specifications of an interface to the controlling means are in common with the plurality of image data reading means.

10 5. An image processing method for trimming out a part of image data stored in a memory and transferring the trimming image data, the image processing method comprising the step of:

15 when a part of image data stored in the memory is trimmed, reading the image data for each column at a time from the memory.

6. The image processing method as set forth in claim 5,

20 wherein image data for one column are designated by an address from which the image data are read and read width information that represents the horizontal size of one column.